

SEQUENCE LISTING

<110> Roseboom, Patrick H.
Kalin, Ned H.
Nanda, Steven A.

<120> PROMOTER SEQUENCES FOR CORTICOTROPIN RELEASING-FACTOR BINDING PROTEIN AND USE THEREOF

<130> 960296.98687

<150> 60/415,586
<151> 2002-10-02

<160> 2

<170> PatentIn version 3.2

<210> 1
<211> 5001
<212> DNA
<213> Homo sapiens

<400> 1

aggcagggtgg atcattttag gtcagaagtt cggaaaccatc atggccaaca aggtgacacc	60
ccgtctctac taaaaataca aaaatttagct ggggtgtggtg gtgcacaccc gtaatcccaag	120
ctactgggga ggctgaggca ggagaattgc ttgaatctgg gaggcagagg ttgcagtgtc	180
ctgagattat gccacagcac tccagcctgg gaaacagagt gagactctgt ctctaaataa	240
ataaaataaaat aaataaaatgc cttctgcaca gcaaaggaaa tgatcaacag ggtgcaaagg	300
taacctacat aatgggagaa aatacttacc aaccatgtat ctgataagtg gttaatatcc	360
aaaatataata agaaaactcct acaactcagc aaaaaaccta ttaagtcatt taaaaatgg	420
gctaaggact tgaatagaca tttctccaaa gaagacatac aaatggccaa ccagtatatg	480
aaaagatgct caatatcacc aagatcaaga aaatgcaaata caaatccacg acgagacatc	540
acctcgaac tggcaggatg gctatcatca aaaagataca agatgacaag tgctggcagg	600
gaaaaaaagga aaccctggcc actgttagag ggaatggcaa ttgcacacgc cattatggaa	660
aacactatgg acttcctca aaaaattaaa atagaggagt attgtatgaa aggagagaag	720
gttaacatcc cccttgacaa gaggaacaga aaatcaaata ccgtgtgtcc tcagttataa	780
gtgggagcta aatgatgaga acaaacacat ggacacatag agggaaatga cacatactgg	840
ggcctattgg aagtggagg gtgggaggag ggagaggatc aggaaaaata actgatgggt	900
actaggctta atacctgggt gaagaaatga tctgtacaac aaacctccat gacacatgtt	960
tacctatgtc acaaacctgc acatgtactc ctgaagttaa aataaaagtt tttaggccag	1020
gcacagtggc tcacgcctgt aatcccagca ctttgggagg ccaacgtggg cagatcacga	1080
ggtcaggaga tcaagaccat cctggctaac acggtgaaac cccgtctcta ctaaacatac	1140

aaaaaaaaat ta gcctgggtgt g tggcaggcg cctgttagtac cagctactcg ggaggctgag 1200
acaggagaat ggcgtggacc caggaggcag agcttgcagt gagccaagat catgccactg 1260
caactccagcc tgggcaacac agcaagactc catctcaaaa aaaaaataat gaaaaaataa 1320
aagttttat aaaaatagaa tggtaatatg attcagcaag cccacttctg cgtattttc 1380
caaaaagaatt gaaatcagta tggtaaagac atacctgcat tcctatgttc gttgcaccag 1440
tattcacaat agctaagatg tggaaacaac ctaaatgttg acgaatgaat aaagaaaaatg 1500
tggtatatac atacaatgga atattactca gtctgagaaa agagggaaatc cttgtcatat 1560
actacagcat gnatgaaact tgaggacatt atgctaagtg aaagatgcc a gccacaaaag 1620
gcacaaatact gtacgattac acttacatga gctatctaaa atagtgagac tcgtagaaga 1680
agacagtaga atgatggttg cagggattgg gaggaggta aaatgggaa tcgctaataa 1740
tgggtataaa gtttcagcta tgcaagatga ataagttcca gagatctgtt gtacaacgtt 1800
gtgcctatag ttgataatat tggatgtgc acttaaatat cttaaagag agtagatctc 1860
gtgttttaac tcttcttacc acaataaaat aaaaataata gctacattca ttcaaacaaa 1920
tcatcttga a agcaatggaa aactatttg tggatgtgt tggatgttgc ctacaatgag 1980
ttttattcag tagtctttat ttcttaaaga acgcaatgtat atgttctatt ttcttaacatt 2040
tcaactaattc gattaatcag gaaaggaaaa aggaagttca tctaaagcat ggattagtga 2100
tggatgttgc a tagtgcata aataaaagaa aaaaatttatt atcacaggc atattacaac 2160
ttcttaacttgc cgtgcataagg gatattgtgg tcaccctgaa aacatggcataatgtgac 2220
tgtgaaagcc a agtgcagcc tggggaggct ctgcattgaa gtgtcagaag ttctctgtgt 2280
gtgtctcatc agtctaggca caattttaaa ttctgcaccc gccccatgt ccatggattg 2340
aatatggatc tgcattgtg tggccaccc ggccttcagg cttaacatag gtgacaatatt 2400
gctctggggc tttgtgaaag aaaaaatgtc ttattcctac ctaacaaaaa gaaagtatta 2460
accctgccta acaatagtcg aagacccaaa aaacacctat ccgggactgt ataacatcaa 2520
cactggagaa gctatctgga aaaatatgga gaaaaactga aatatttcaa agtaatggag 2580
gttaacatac aggtatattc caatcagcat acttggggac tctgagttt cccagaacat 2640
atttaaaaaa aaaaatccagt ttgcttgaac aaacaacttt caaatattaa gctaattttt 2700
tgaatgacca a aagcagtcc a tggaaataat ttatccttag tcttcacaca taggcctact 2760
tattgcccag aaaaattttc ttccggctaa tccaaattac tcttcacccat tcttcacccat 2820
tttttaatac tttctctcag agagaatggc tacctggctt ctccctgtct tccaaatttaa 2880
tcttccttagt ttttctcgat agcttgcagt ttccatctt taattaccat taatttttt 2940

tttttagaa aaggtagttt ccactggctt agtagatatt taccaaactg gtgaaaacta 3000
cacattaatt tatccaccta gaatttggtg ggaatgaggt ccatcttgcataattg 3060
tggattaagt aaaatcagat gctatgctat gatgttgta aaatcagtca ctatgttagt 3120
gctcattcat cccagcttctt gctgtgtgtg gttcctgagg agtgggcattc atgacagcag 3180
ggtgggaaca tcactgttgt ctgtgcacgt gcatgcgtgc atgtgtgtgt gcacatgtgc 3240
acatgtgcat atgcttgcata aggggctggc tggagaagaa tgtctcccttg gtgatgctaa 3300
caaagcaaca ttgagctgga gtgacatcag gtgccagacc ccctaagagg taaaggcaga 3360
ggtctccaag gtgggtgctg gactgaattc tggaaacagg ccaaggcctg tggctacatc 3420
aatggaaag agaagagggc ctgtggcatg cctggtgagt gggcctaagg ctccctctag 3480
gcacaaaaag ggtgggagat agagctgaag atggcctggc atgtttgagg ccagcaagtt 3540
ggggtaagt tgtttgttt tctccctttt tattcctccc aggtttctttt ataacctttt 3600
caaaatttag ccatctaaac agcccttggg atgagaagga catggtgcc agtgcctcatg 3660
agcttttaggt actctttcc ctctcactgt ctgtggtctg aggactgctt acaaagttgg 3720
actgtggcac gaaggcctcc tgattaaacc aacaaagagg ccgcctctcc agagctcaga 3780
attgtcctga catgaaaata atcaagttct gacactgcca ggataattac tgtttaattt 3840
cgagtatttt aaaactgaaa atatagccat tccttcctttt ataaactctgt attatggct 3900
atttgtaata atttgtaataa caatgcttgg tgcagagact ggaaaggggt aggaaagcca 3960
atagtggagc atcctcatgt ttcccacagt ttggacaca aagaagaaat tctttctct 4020
cctgataagc agagataagc ttatacttat ttccggatcc ctaagtcatc ttttagccc 4080
tgcaaatttg ctggtgagca gttacaataa agtttcctgg cagttccttc taccagagtg 4140
ttaaagtaat ccaggtattt gaaggcacga aatggaatga cttaatctca tctctcagtg 4200
gttcagatgg atgcgaaggt catggctaca gctacctgg cttaggatgt gtacatcatg 4260
taaacatcca ggtcaagtga cagagctcag cttaaatcca gaagtcccct gacaccagag 4320
ttagtttcc atgaaagaaa tgcctataag aaactggacc aggataaaagc aaagagtaag 4380
gggcaggaag aaagcttata attgcattac tgcaatcttc tgcaaaatca gacttctgct 4440
tctgttccac ctctttaaag ctgaaaatgc ctcaagtttc ttactgagag acatgagaaa 4500
ttccatgaat actaaattct ttgacaattt ctgcattgtt ttcatccaag gttatgtgat 4560
gaggctgcattt aatataaggct ctatatgtttt gggatattta tgcgtgtatg taactttgtc 4620
actttgattt gcaaaatgga aaattccctg aatgcccaca gaaaagtata atgttagcatt 4680
tagcaggtca acaaaatgca ctcccttattt ctgttgcattcc gcctcattctt ccaacacttt 4740
agtgcactaa gttgttagtga ctgaaatcat tcttggtgaa taatgctggg ccacgctgaa 4800

aatttgtggc tgagagctgg accctcgta tcgccacgta ctctgtcaat gagacaggg 4860
aacccatggt tactgagctc cgatcagtta aggggcagag agcctccgct ccccactgct 4920
ctataaaaga gaccagcaa agggacccta ccagcttcta gctctcagtc tgcgcgaggg 4980
tgttaggaagg aaagcccagg a 5001

<210> 2
<211> 22
<212> DNA
<213> Artificial

<220>
<223> Synthetic PCR primer

<400> 2
caccctcgcg cagactgaga gc 22